Datasheet - ESS21S1

Command and signalling devices / Push buttons and pilot lights - "E" Program /
ESS/EST-Key-Selector switch

SCHMERSAL

(Minor differences between the printed image and the original product may exist!)

Ordering details

Product type description	ESS21S1
Article number	101006385
EAN Code	
eCl@ss	27-37-12-13

Approval

Approval	c(UL)us

Global Properties

Permanent light	ESS - Schlüssel Wahltaster
Standards	IEC/EN 60947-1, EN 60947-5-1
Compliance with the Directives (Y/N)	
Suitable for safety functions (Y/N)	No
Mounting	mounting flange
Mounting position	arbitrarily
Materials	
- Material of the front ring	Aluminium
- Material of the cylinder lock	Steel
Design	Key - Selector switch - Front plate mounting
Form	
Color	
- Colour of the front ring	Silver
- Colour of the cylinder lock	Silver
Weight	90
Can be illuminated (Y/N)	No
Closure	EKM30

Mechanical data

Mechanical life	300.000 operations
Number of switch positions	2

Latching (Y/N)	Yes
Unlocking type	Rotating unlatcher
Probing possible (Y/N)	No
Latching position	right
switching angle	right, 90
Number of plunger	1
Key withdrawal position	Position 0
Number of the touch position	
Front plate thickness	
- min. front plate thickness	1
- max. front plate thickness	6
Tightening torque for fixing screws	0,6

Ambient conditions

Ambient temperature	
- Min. environmental temperature	0
- Max. environmental temperature	+80
Storage and transport temperature	
- Min. Storage and transport temperature	−
- Max. Storage and transport temperature	−
Fully insulated (Y/N)	Yes
Sealing type	membrane, lip seal, Form seals
Protection type IP	IP65

LED switching conditions display

With integrated LED (Y/N)	No

Dimensions

Dimensions	
- Height with key	60
- Diameter of the front ring	Ø 29.5
- diameters for the cylinder lock	Ø 22 mm mm
- Hole, diameter	22.3 + 0,4
Spacing	40 x 50

notice

notice	Special closure on request